



Fermilab

ES&H Section

July 9, 2009

TO: Nancy Grossman

FROM: Susan McGimpsey *S. McGimpsey*

SUBJECT: Use of Neutron Sources at RPCF During Off Hours

Two neutron sources, Am-Be and Cf-252 will be used at RPCF after hours on selected days from July 15 through September 30, 2009. The purpose for this is to perform the quarterly dosimetry badge spiking for the CR-39 for a designated group of dosimeters. S. McGimpsey will be conducting these irradiations. To obtain the chosen neutron doses, the dosimeters need to be irradiated for many hours. In order to reduce the doses to personnel, it is best to use these sources while the building is unoccupied. ES&H Section personnel will ensure that the facility is properly secured and posted during these irradiations. A Radiation Physics Team member will notify the Communications Center each time these irradiations occur.

Approvals:

Assoc. Head for Radiation Protection

Date: 7/9/09

ES&H Director

Date: 7/14/09

cc: D. Cossairt
B. Flaherty
K. Graden
B. Hartman
S. McGimpsey
F. Krueger
J. Steinhoff

File: Radioactive Sources General